
adaptation
instructions

heating resistors

symbols and conventions

Caution:
you will find all the symbols
below throughout the
document, indicating
the hazard levels
depending on the
different types of situation.



DANGER

as per iso 3864–2

DANGER : failure to follow this instruction will result in death or serious injury.



WARNING

as per iso 3864–2

WARNING: failure to follow this instruction may result in death or serious injury.



CAUTION

as per iso 3864–2

CAUTION: failure to follow this instruction may result in injuries.

This alert signal can also be used to indicate practices that could damage the SM6 unit.



INFORMATION-ADVICE

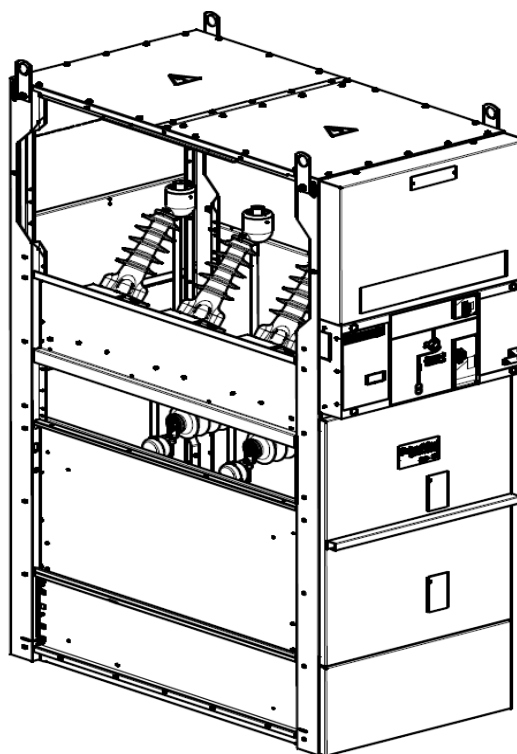
We draw your attention to this specific point.

contact the Schneider
Electric service unit for
diagnosis and advice



Call your sales representative who
will put you in contact with the closest
SCHNEIDER ELECTRIC group service
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distribution rules



The aim of this publication
is to enable the SM6 unit
to be installed correctly.



This document is not a commercial
document. It is a strictly technical
document drawn up by
Schneider Electric.

safety rules



CAUTION

All the operations described below must be performed in compliance with applicable safety standards, under the responsibility of a competent authority.



CAUTION

Only undertake the work after having read and understood all the explanations given in this document. If you have any difficulty complying with these rules, please contact Schneider Electric.



WARNING

The contractor must be certified and authorised to manipulate and perform work on the SM6 unit.

concerning this document

This publication is intended strictly for use within Schneider Electric and is not a sales document.

It contains instructions concerning the modification or the adaptation of assemblies .

The parts referred to form part of a kit and are not available separately.

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safety requirements

The busbar compartment and cable connection compartment will be de-energised.

The line disconnecter will be in the earth position and the HVA cables de-energised.

special tools

no

kit contents

For IM, IMB, IMC, QM, QMB, SM, TM, GBC-A, GBC-B, GAM, GAM2, CM, CM2, DM2 cubicles; use 51000107F

For DM1-A, DM1-D, DM1-W, DM2-W, QMC cubicles; use 51000107E

A : Terminal rail with terminal blocks and thermostat

B : Heating resistor with cables and housing

C : Connection pack

preparation

The operations allowing access to the various compartments and for reassembling the cubicle are described in the user manual.

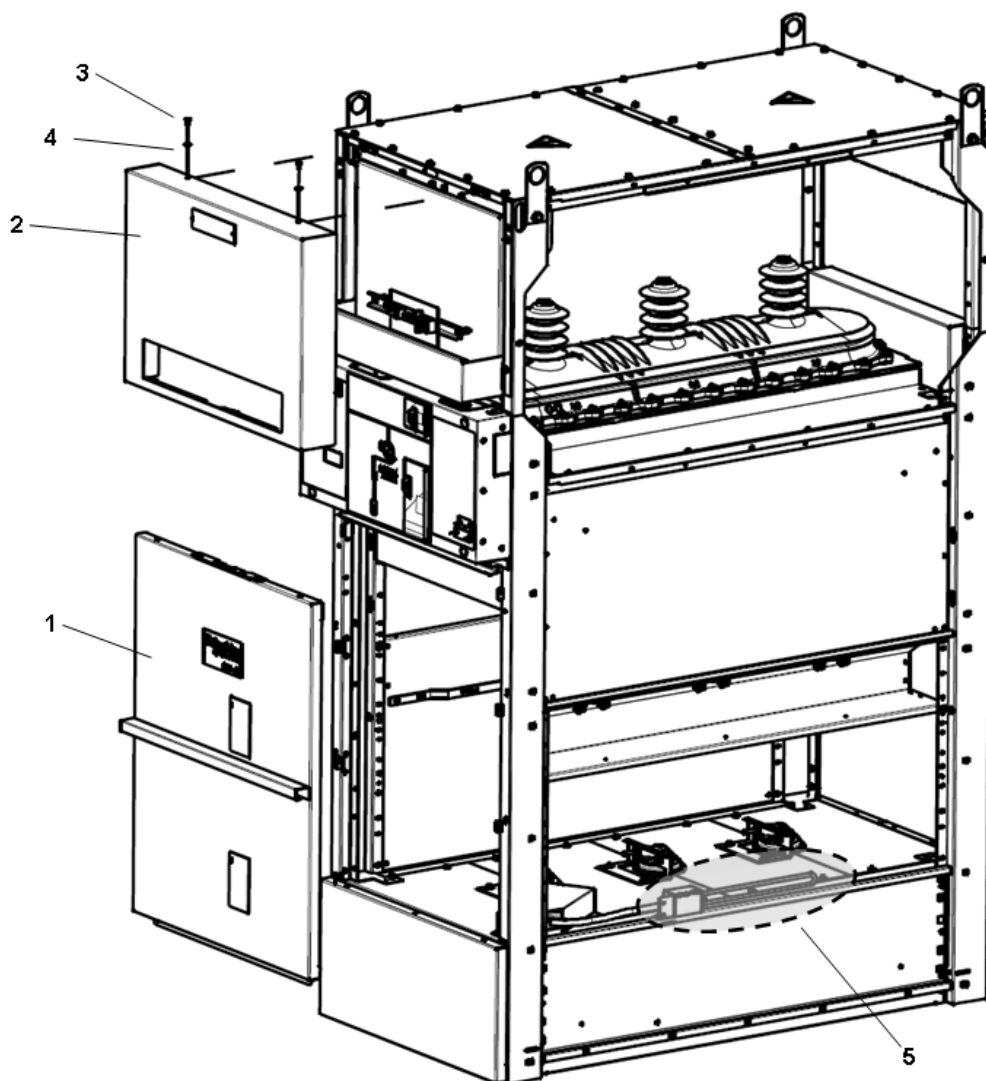
field of application

No restrictions.

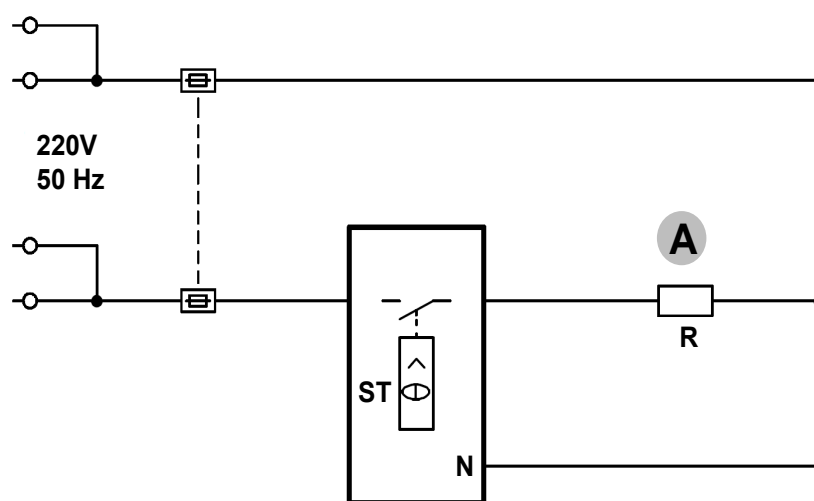
access to the subset

To reach the subset, remove the following parts :

- 1 : front panel
- 2 : low voltage compartment cover fixing parts :
- 3 : 2 bolts 6 x 12
- 4 : 2 contact washers
- 5 : heating resistor

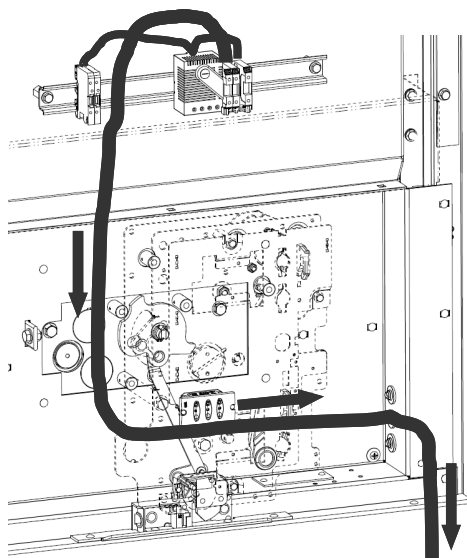


heating resistor cabling
electrical diagram

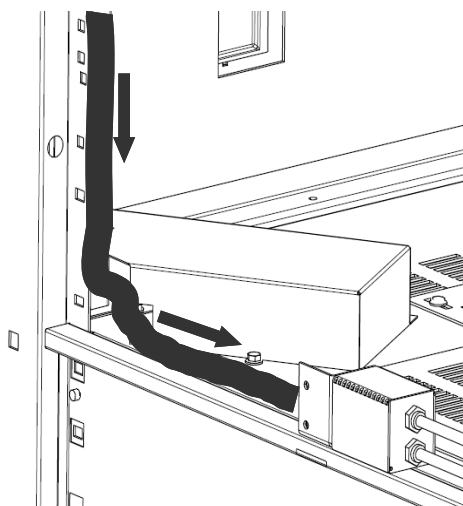


For these cubicles, electrical connection of heating resistor A is performed by means of a 220 V 50 Hz auxiliary supply.

wiring feed – through

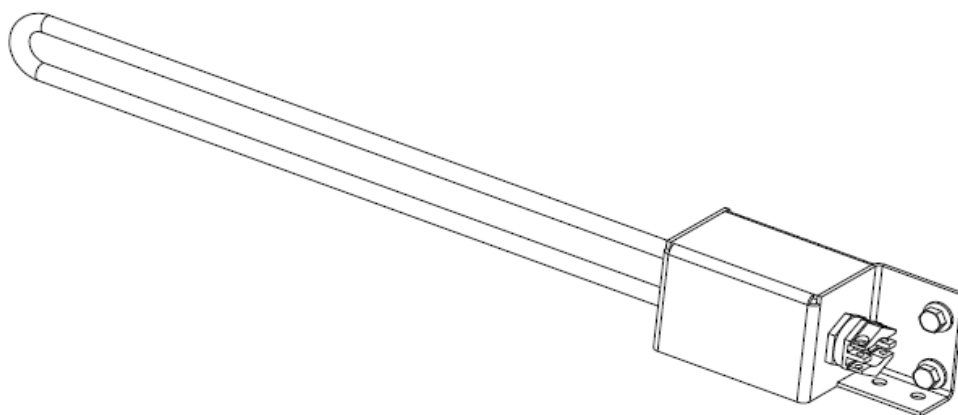


Pass the resistor wires from LV Compartment to operating mechanism compartment and through the hole in the frame and lower them inside the cable duct to the cable connection compartment.

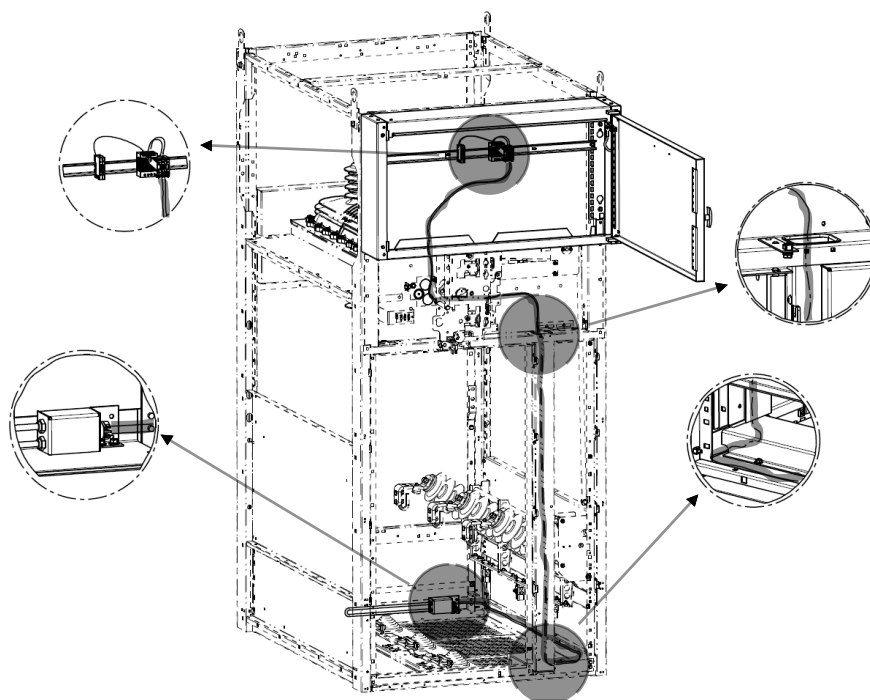


Take off the resistor wires from cable duct and pass them into the cover and connect with heater.

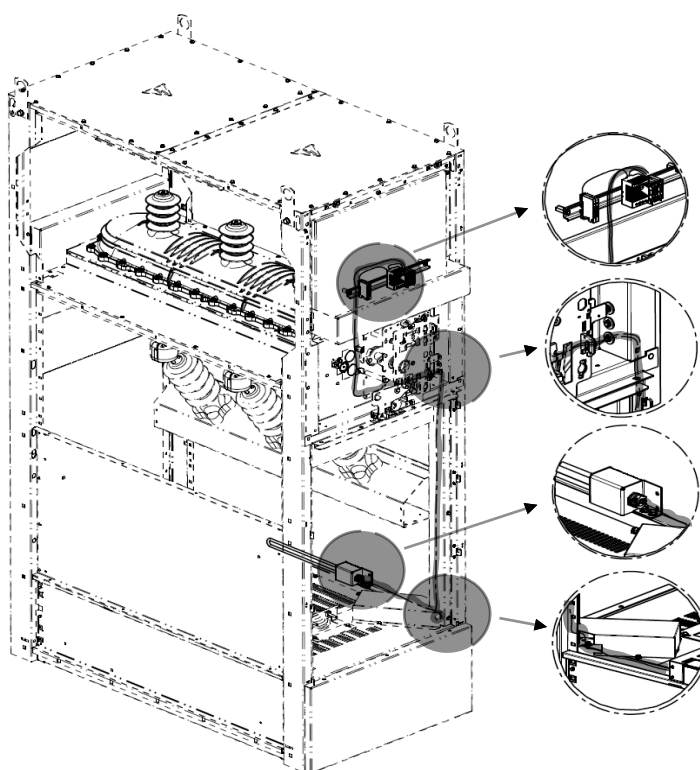
resistor



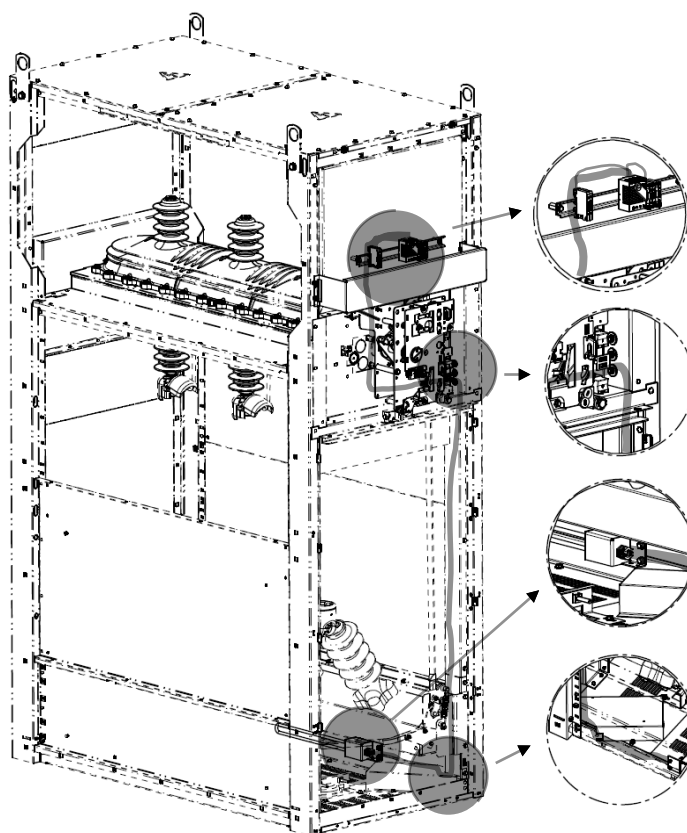
assembling in DM1-A, DM1-D
and DM1-W cubicles



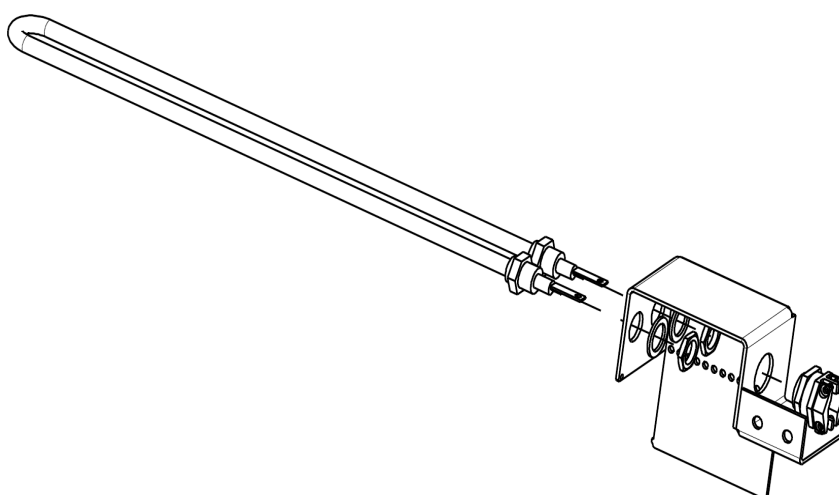
assembling in IM and SM
cubicles



assembling in CM, CM2, DM2,
GAM, GAM2, GBC-A, GBC-B,
IMB, IMC, PM, QM, QMB, TM
cubicles

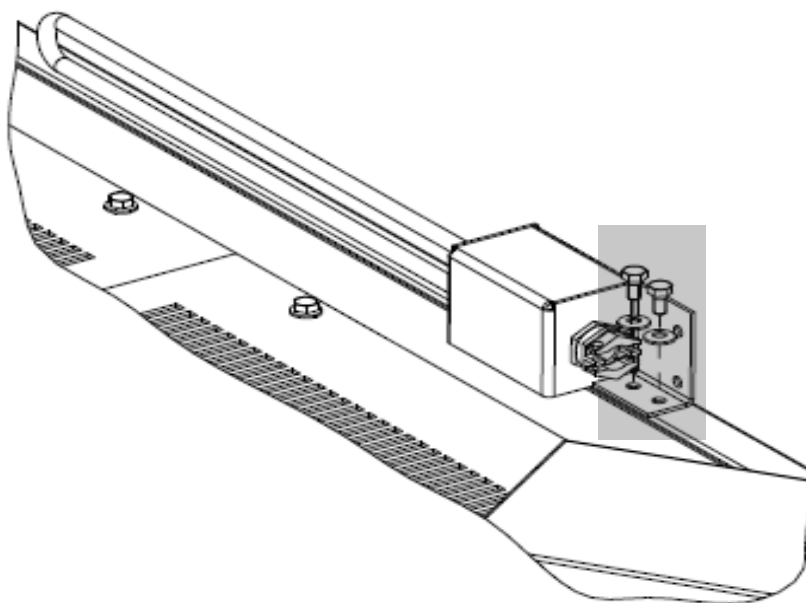


replacing a resistor

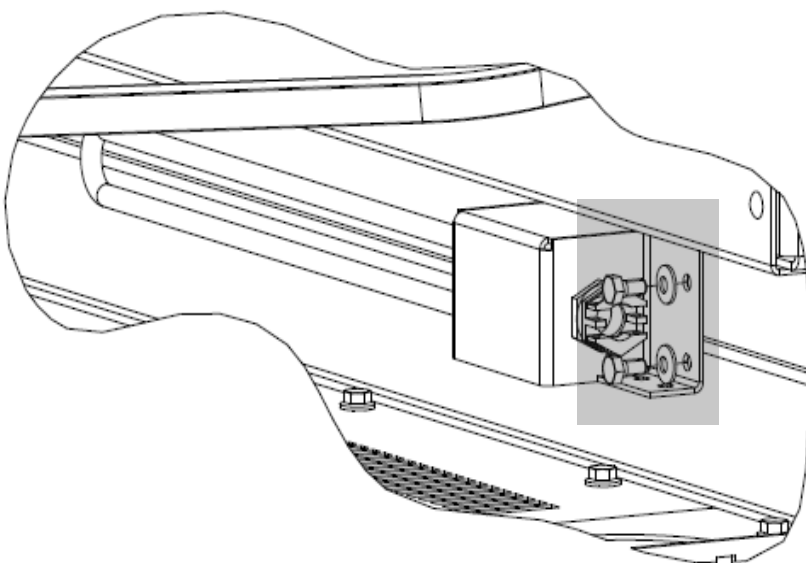


disassembling the resistor and
reassembling the new
resistor

For DM1-A, DM1-D, DM1-W
IM and SM cubicles



For the other cubicles except
DM1-A, DM1-D, DM1-W
IM and SM cubicles



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Schneider Electric Industries SAS

89, boulevard Franklin Roosevelt
F-92500 Rueil-Malmaison (France)
Tel : +33 (0)1 41 29 85 00

<http://www.schneider-electric.com>

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As standards, specifications and designs change from time
to time, please ask for confirmation of the information given
in this publication.

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